

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A heat-resistant magnesium alloy for casting, the magnesium alloy being good in terms of the castability and heat resistance, and consisting of:
calcium (Ca) in an amount of from 3 to 15% by mass;
aluminum (Al) in a summed amount of from 4 to 25% by mass with the amount of Ca;
manganese (Mn) in an amount of from 0.1 to 1% by mass;
the balance being magnesium (Mg) and inevitable impurities when the entirety is taken as 100% by mass and
a mass ratio of the Ca amount with respect to the Al amount, Ca/Al by mass,
being 1 or more
and wherein the magnesium alloy has an average crystalline grain diameter indexing the structural roughness, the average crystalline grain diameter is 18 μm or less.
2. (Canceled)
3. (Previously Presented) The heat-resistant magnesium alloy set forth in claim 1, wherein the mass ratio of the Ca amount with respect to the Al amount, Ca/Al by mass, is 2 or more.
4. (Original) The heat-resistant magnesium alloy set forth in claim 1, wherein a solidification temperature width, a temperature difference between a liquidus

temperature at which a molten metal starts solidifying and a solidus temperature at which the molten metal completes solidifying, is 110 °C or less.

5. (Canceled)

6. (Canceled)

7. (Original) A heat-resistant magnesium alloy cast product being good in terms of the heat resistance, and produced by a process comprising the steps of:

pouring a molten alloy into a mold, the molten alloy comprising the heat-resistance aluminum alloy set forth in claim 1; and

solidifying the molten alloy by cooling it after the pouring step.

8. (Currently amended) The heat-resistant magnesium alloy cast product set forth in claim 7 wherein the inevitable impurities are being free from a rare-earth element.

9-17. (Canceled).